



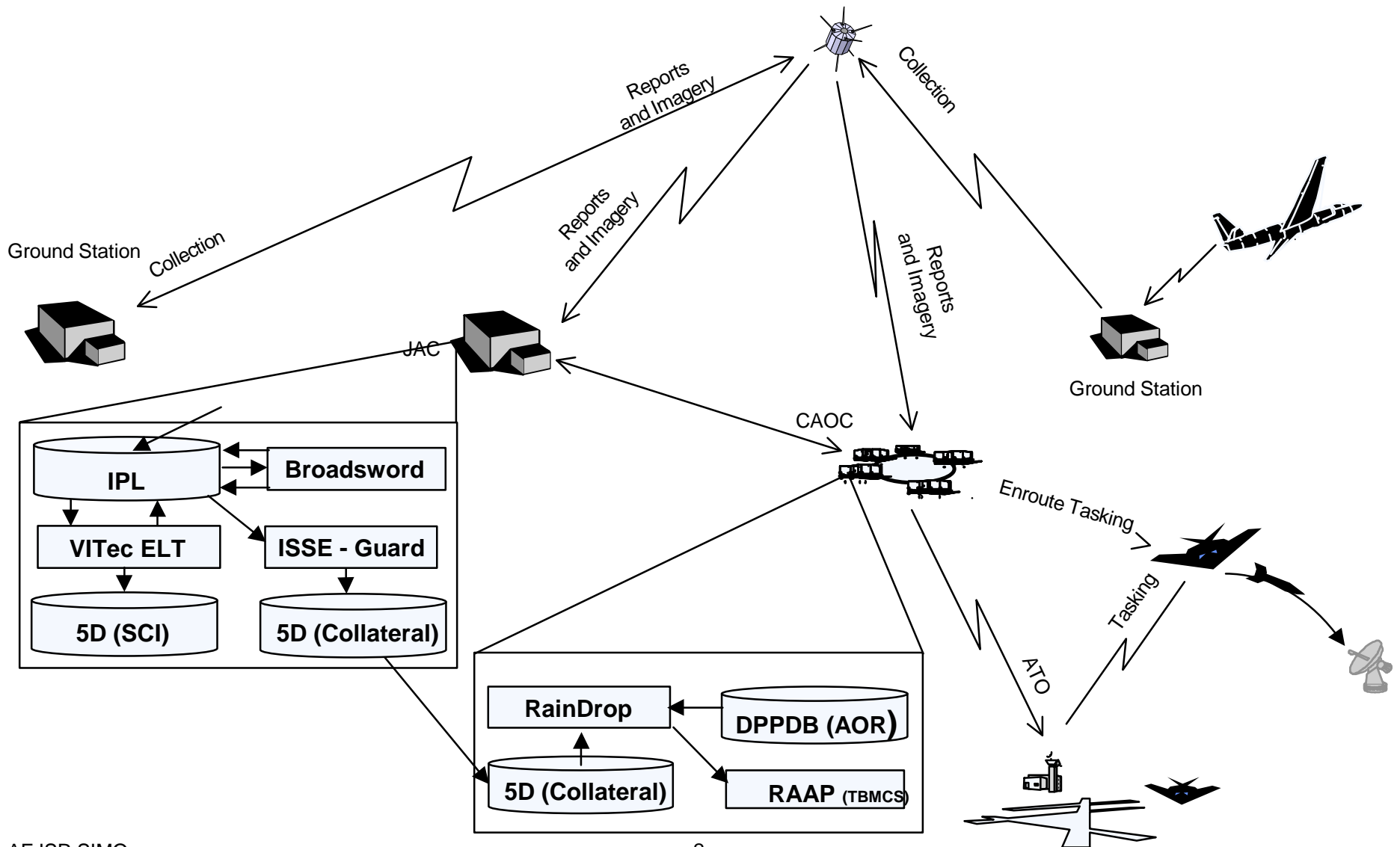
AF ISR Systems Integration Management CONOPs

- ★ **Why SIM?**
- ★ **SIM Overview**
- ★ **AF ISR Enterprise
Application of SIM**
- ★ **Current Status and
Milestones**

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SIM: Why Do We Care? Imagery Support to Targeting





SIM: Why Do We Care? Imagery Support To Targeting



- ★ **Problems and Opportunities Identified**
 - ★ **Modifications Needed To Improve ISR Information Flow**
- ★ **Interoperability Problems Identified**
 - ★ **Many PMOs Provide Required Support**
 - ★ **Lack of Integration and Streamlining Among Programs and Applications**
- ★ **IT Resource Requirements Identified**
 - ★ **To Correct Identified Problems**
 - ★ **To Proactively Improve Cost-Effectiveness**



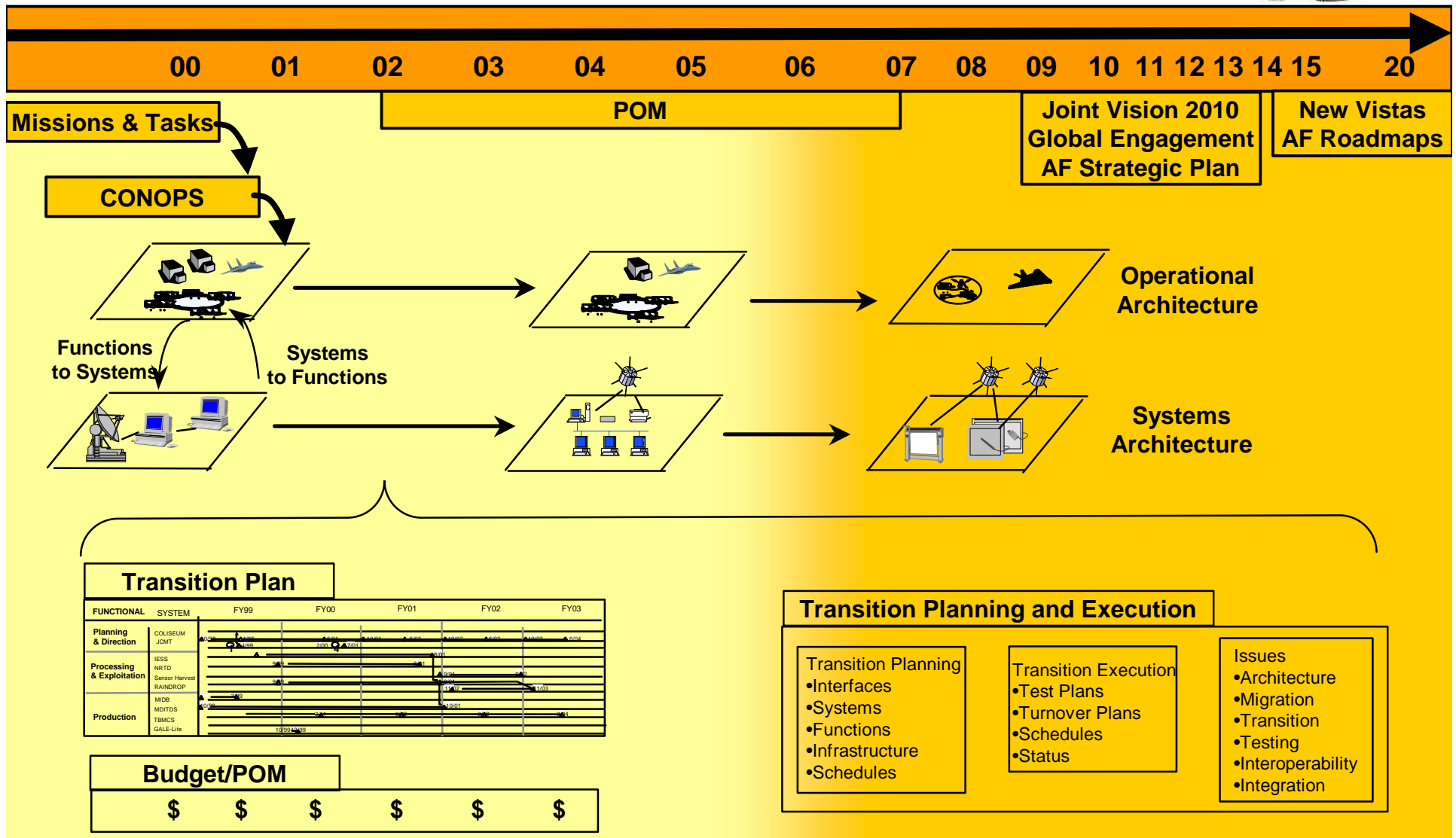
Objectives of SIM



- ★ **Timely Delivery of Intelligence, Surveillance, and Reconnaissance (ISR) Information To Warfighters**
- ★ **Justification for Command and Site Information Technology (IT) Resource Requirements**
- ★ **Identify Interoperability Issues, Anticipate Evolving Requirements, and Influence Programs**



What Is SIM?





What Is SIM?






- ★ **Planning Tool for....**
- ★ **Commands and MAJCOMs**
 - ★ **Transition Schedules for Integration of New/Upgraded IMAs**
 - ★ **Acquisition of New Infrastructure**
- ★ **DoDIIS & Service Level**
 - ★ **Enterprise Migration**
 - ★ **Information Management**



Requirement for SIM

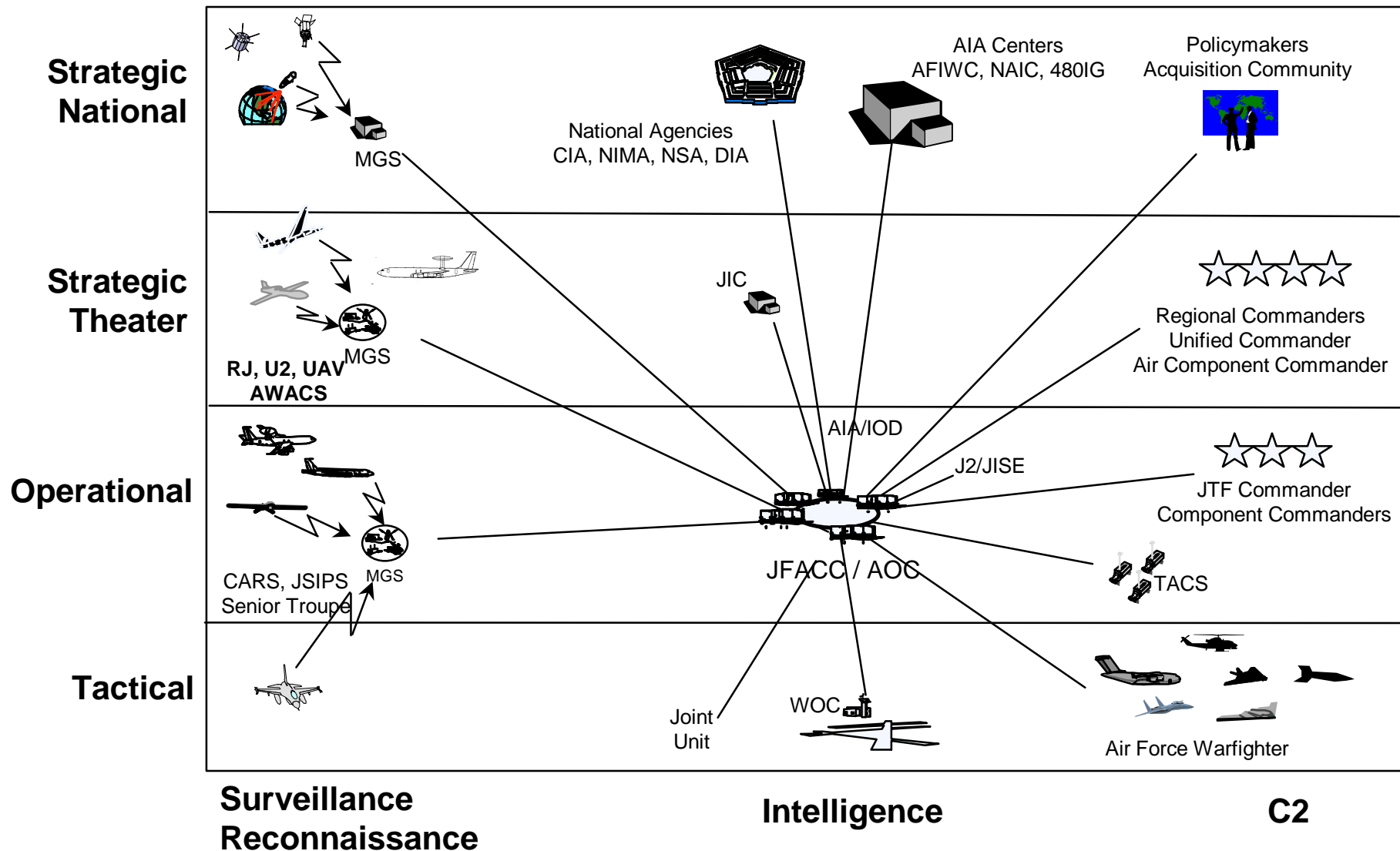


★ **Comply With OSD, AF and DoDIIS Policy and Standards on Architectures, Integration, and Interoperability**

-  **Clinger-Cohen Act, 1996 (IT Management Reform Act (ITMRA), 1996 and Federal Acquisition Streamlining Act (FASA), 1994)**
-  **C4ISR Architecture Framework, V2.0, Dec 1997**
-  **OSD Memo, *Strategic Direction for DoD Architecture Framework*, 13 Feb 1998**
-  **Draft CJCSI 6724.01, C4I SIM Policy (draft), May 1999**
-  **Draft AFI 33-124, Enterprise IT Architectures, 30 Sep 1998**
-  **DoDIIS Enterprise Management Strategy (DEMS) and Enterprise Transition Methodology (DETM)**



AF ISR Enterprise

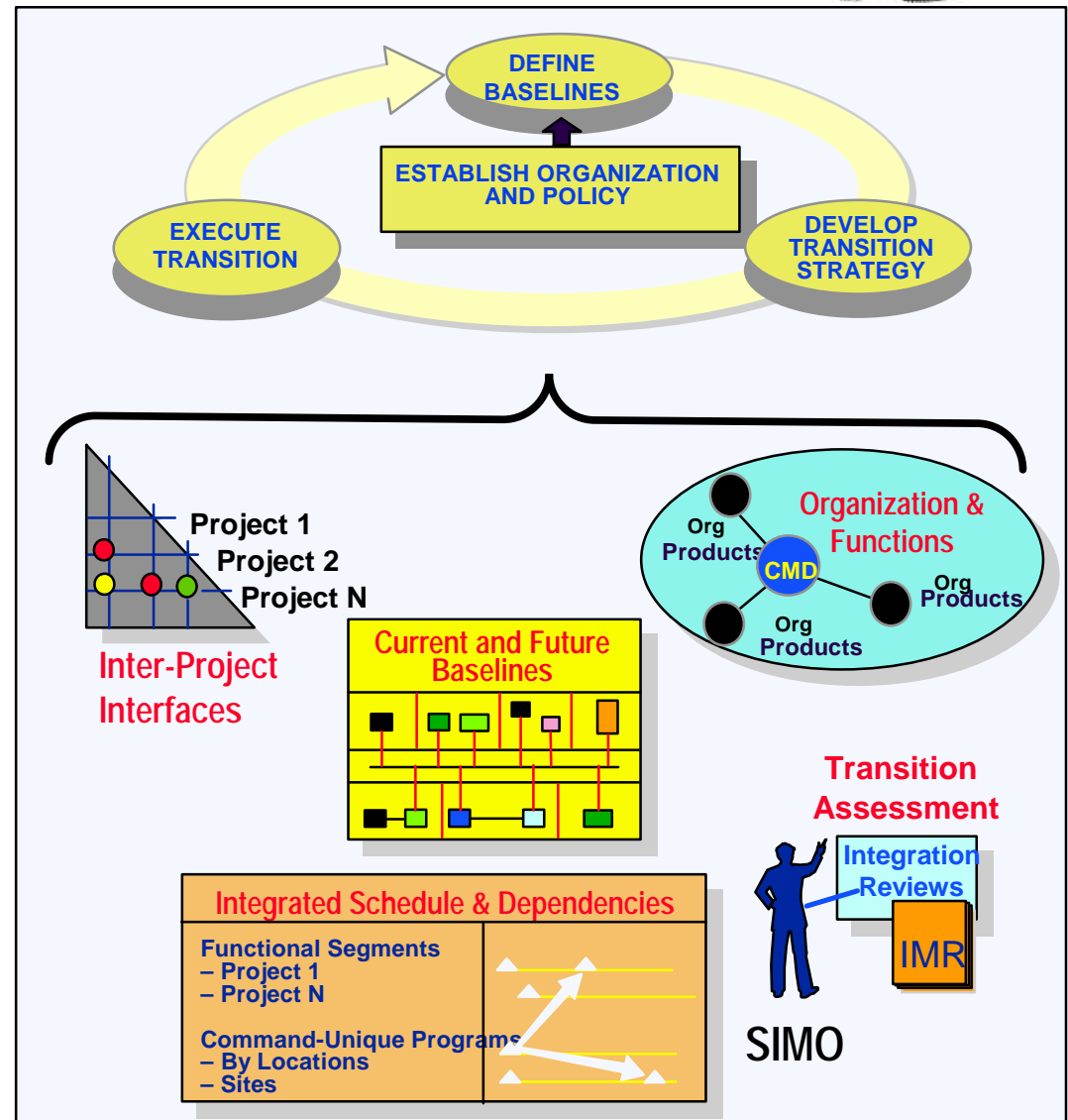




“Classical” SIM Process

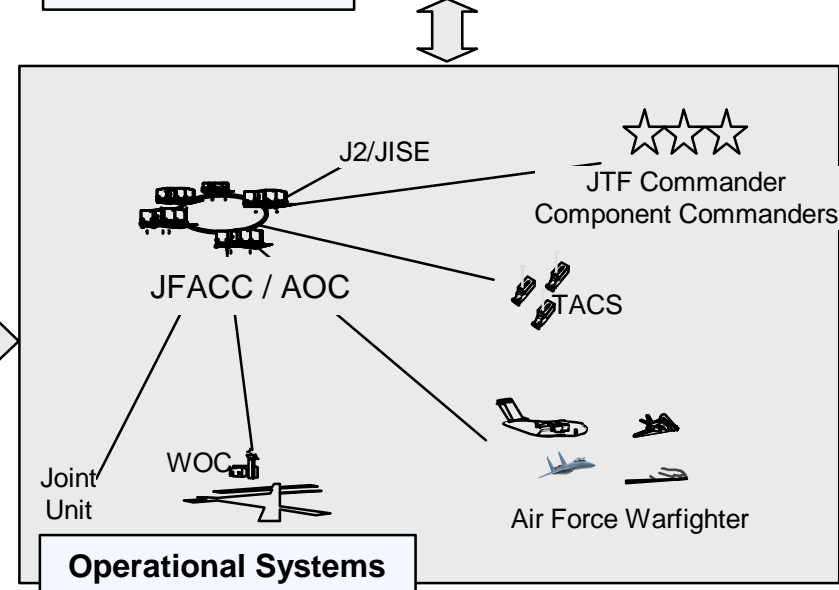
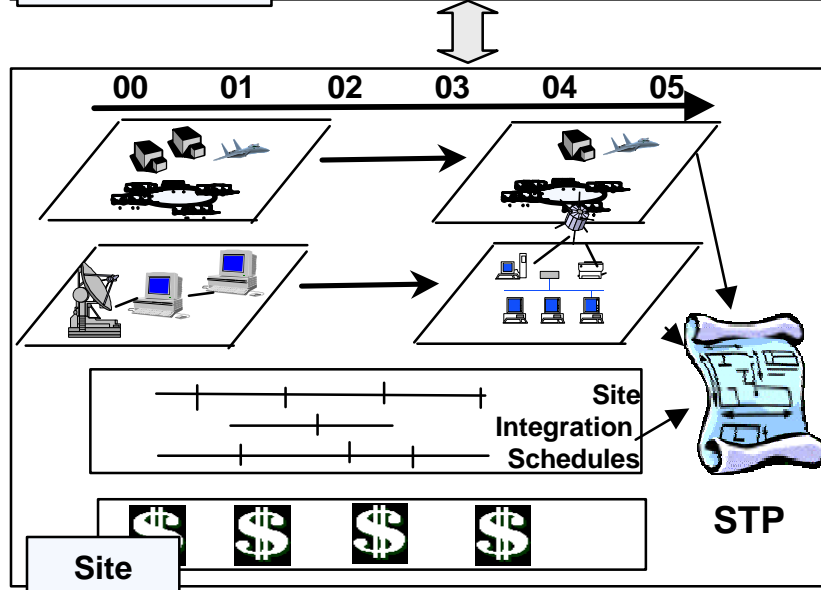
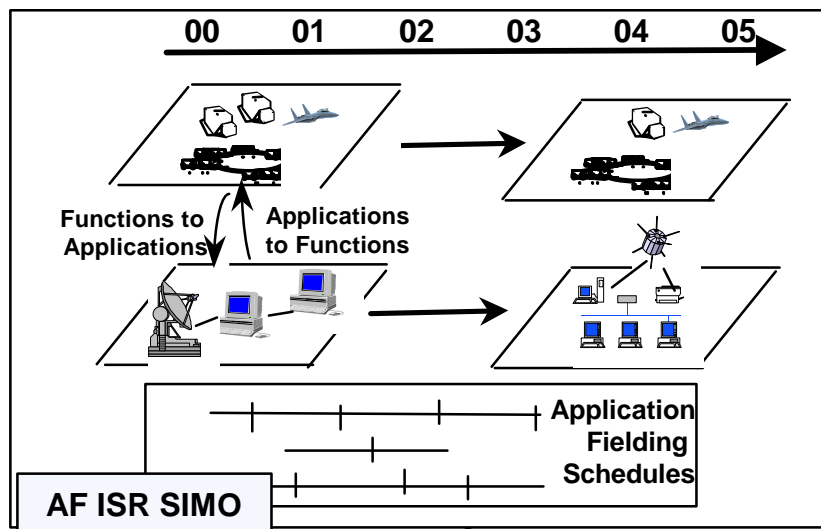


- ★ Site Focused
- ★ Redundant SIM Tasks Performed at Multiple Sites
- ★ Service SIMO Role Not Defined
- ★ Enterprise SIM Process, Service-To-Site, Not Defined



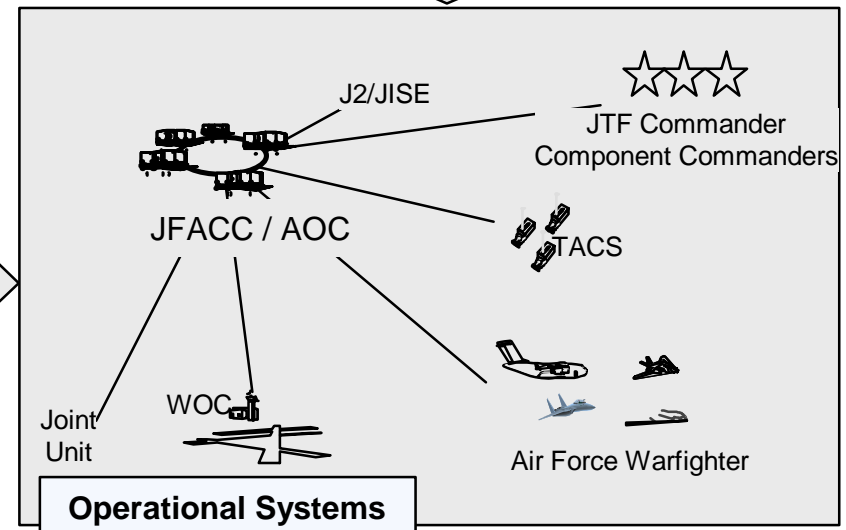
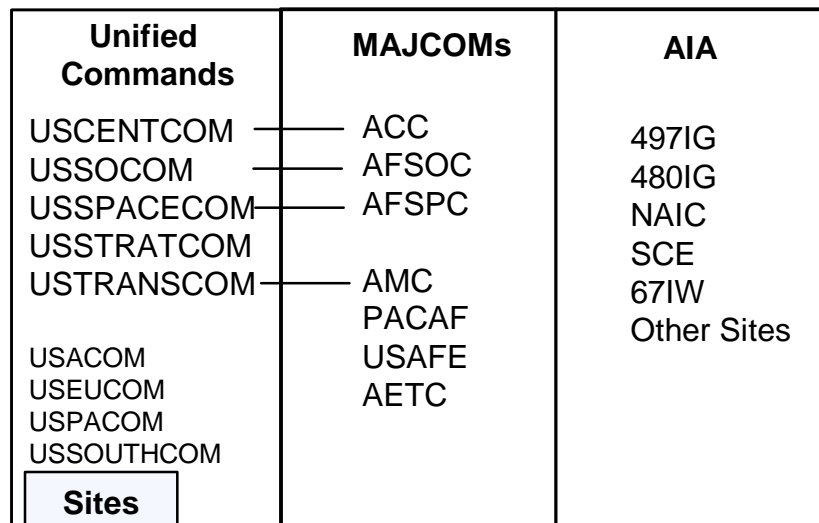
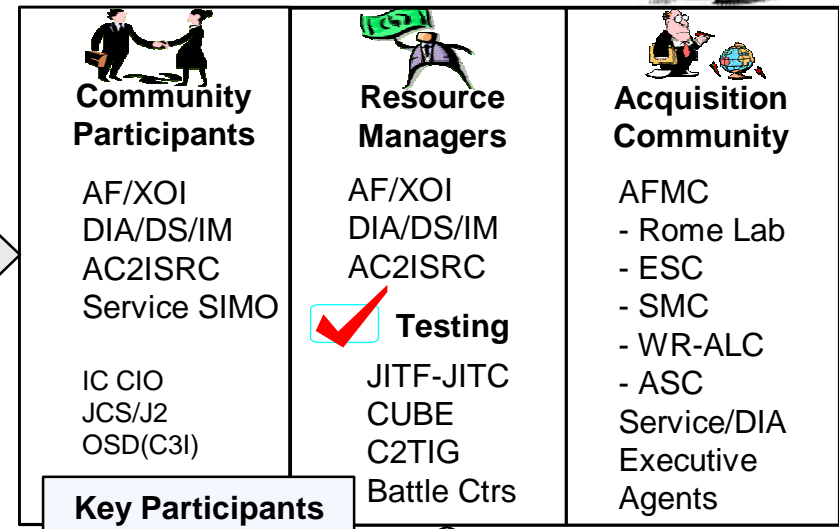
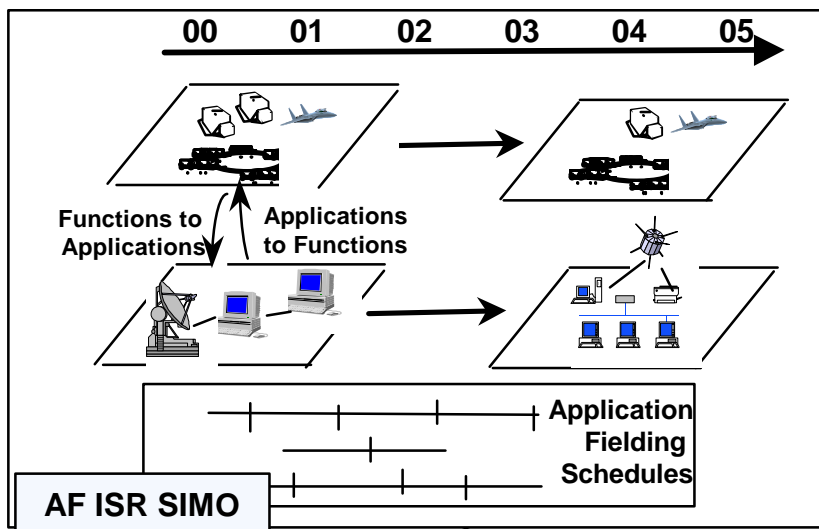


AF ISR SIM Process



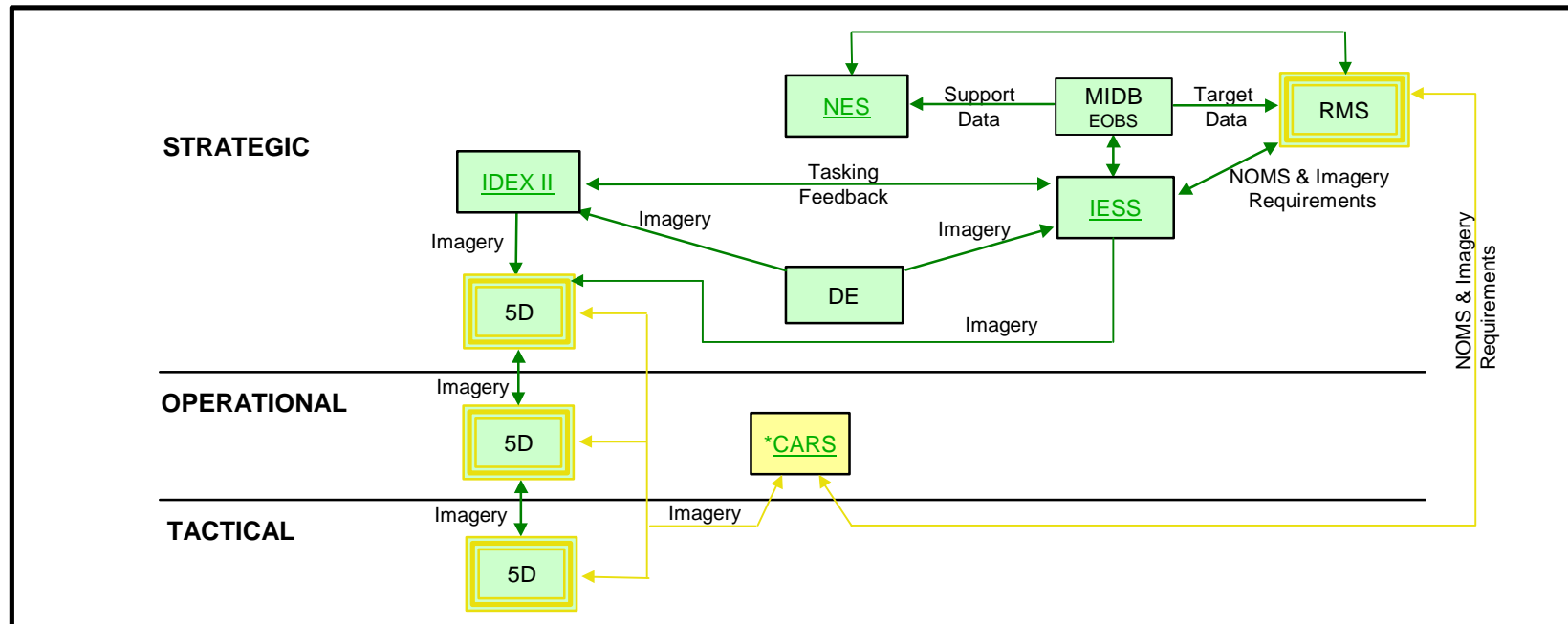


AF ISR SIM Process Sites and Participants





IMINT



*See CARS diagram for further details



Y2K Compliance & Integrated Schedules



SEGMENT	SYSTEM	FY99					FY00										FY01								
		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
PRODUCTION INTELLIGENCE SUPPORT TO TARGETING	IMEA	V3.1			Updates		TBD																		
	CIS	V1.2.2																							
	JTT						JTT V1.0 IOC																		
	TMWS	V3.5 Last Release Program Funding CANX April 99							** JDTM	OPEVAL - IOC?															
	JMEM			V2.0 PC Version			(JAWS Released on CD ROM)																		
	DEWDROP RAINDROP	DEW DROP	V4.03				RAINDROP	V2.2C2		Updates	TBD														
	RAAP	w/CIS V1.2.2																							
	* TBMCS								V1.0.1 ?																
	IMOM	V5.11	Standalone Version (Also scheduled for Inclusion in TBMCS V1.0.1)																						
PRODUCTION GENERAL MILITARY INTELLIGENCE	*** MIDB		V2.0.2.1									Version ROMEO													
	SENSOR HARVEST	SINGLE SERVER BASED SYSTEM PROVIDING BROWSER ACCESS NOT UNDER VERSION CONTROL (JDISS & INTELINK ACCESSIBLE)																							
	*** GALE- LITE		V4.3.1		Updates	TBD																			
PRODUCTION INDICATIONS & WARNING	MDITDS		V1.0		Updates	TBD																			

Legend: △ = Planned ? = Indicates Date Is TBR
 System/Component is Y2K compliant
 System/Component is not Y2K compliant
 Indicates de-activation/termination status of non-compliant system

ICOD: 1 Aug 1999

- * Dec 1999 a "GO or NOGO" Decision on TBMCS v1.0.1 (Per TBMCS PM at ESC)
 - TBMCS Hardware being Fielded
 - TBMCS Training being Conducted
 - Given a Dec 1999 "GO" Decision TBMCS Team will begin Apr 2000 Field Installations of TBMCS v1.0.1
- ** JDTM OPEVAL Scheduled for Dec 1999 - Mar 2000 at JICPAC
- *** EOB Production Sites can use Gale-Lite with MIDB given that at Installation: Gale-Lite (v4.3.1 or later) has EOBS v5.1.5 turned on and MIDB 2.0.2 has the EOBS Flag turned on



AF ISR SIMO

Current Activities



★ Policy Team

- ★ Collaborating on C2 SIM Efforts at AC2ISRC**
- ★ Finalizing AF ISR SIM CONOPs**
- ★ Updating SIM Training**

★ Segment Analysis Team

- ★ Maintaining As-Is/To-Be Systems Architectures**

★ Site Team

- ★ Baselining Systems at AF Sites**

★ Information Management Team

- ★ Developing SIM Database V3.0**

- ★ Maintaining SIM Webpages & 497 IG/IND Newsletter**



AF ISR SIMO Future Challenges



- ★ **DII COE Implementation**
- ★ **Provide the Service Enterprise Perspective to the Test Process**
- ★ **Building SIM-Resource Management Relationship**
- ★ **Promoting Enterprise Management Perspective**
- ★ **Supporting DoD Integration and Interoperability Efforts**



Summary



★ **AF ISR SIMO - Key Advocate and Information Broker for Core ISR Systems Supporting the JIC/JAC and the JFACC/AOC**

★ **Why?**

- ★ **Improve ISR Information Flow to Warfighters**
- ★ **Promote Standards & Architecture Migration Path**
- ★ **Identify and Resolve Interoperability Problems**
- ★ **Improve Resource Investment Decisions**

★ **What's Next? Enterprise Transition and Issues Resolution**